

Title (en)

Process and device for the marking of fruits through laser with, before the marking, a cleaning/drying step and, after the marking, a sealing of the marked area

Title (de)

Verfahren und Vorrichtung für die Markierung von Obst mittels Laser mit vor der Markierung einem Reinigungs-/Trocknungsvorgang und nach der Markierung einem Versiegelungsvorgang des markierten Bereichs

Title (fr)

Procédé et dispositif de marquage de fruits par laser avec, avant le marquage, une étape de nettoyage/séchage et, après le marquage, une étape de scellement de la zone marquée

Publication

**EP 1747838 A3 20070221 (DE)**

Application

**EP 06013458 A 20060629**

Priority

IT BZ20050038 A 20050728

Abstract (en)

[origin: EP1747838A2] Marking method for fruit uses a CO 2 laser (H) to cut marks into its skin showing its weight or quality, as determined by investigation units (B -E). The marks are then sealed. An independent claim is included for a machine for carrying out the method which is fitted with a cleaning and drying unit (G), sealing unit (I) and optionally a labeling unit (F), as well as the laser. All of these, together with the investigation units, are controlled by a central computer.

IPC 8 full level

**B23K 26/40** (2006.01); **A23N 15/06** (2006.01); **B23K 26/08** (2006.01)

CPC (source: EP)

**A23N 15/06** (2013.01); **B23K 26/082** (2015.10); **B23K 26/0838** (2013.01); **B41M 5/24** (2013.01); **B23K 2103/18** (2018.07); **B23K 2103/32** (2018.07); **B23K 2103/50** (2018.07); **B41M 7/0027** (2013.01); **B41M 7/0036** (2013.01)

Citation (search report)

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Designated extension state (EPC)

AL BA HR MK YU

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